

022004
1592 US PTO

**UTILITY
PATENT APPLICATION
TRANSMISSION**

Our Docket No.:	Date: February 20, 2004
34091/AJT (465403-)	
First Named Inventor: PETER C. SALMON	
Title: COPPER-FACED MODULES, IMPRINTED COPPER CIRCUITS, AND THEIR APPLICATION TO SUPERCOMPUTERS	
Express Mail No.: EV 182098341 US	
U.S. PTO 10/783662 22141	

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

APPLICATION ELEMENTS

- 1. Fee Calculation Sheet
(Submit an original and a duplicate for fee processing)
- 2. Applicant claims small entity status
- 3. Specification Total Pages: 27
 - Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed. Sponsored R&D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings
 - Detailed Description
 - Claims
 - Abstract of the Disclosure
- 4. Formal Drawings (35 U.S.C. 113) Total Sheets: 19
- 5. Oath or Declaration and P.O.A. Total Pages: 3
 - a. Newly Executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. 1.63(d)) (for continuation/divisional with Box 19 completed)
 - 1. **DELETION OF INVENTORS**
Signed statement attached deleting inventor(s) named in the prior application (37 C.F.R. 1.63(d)(2) and 1.33(b))
- 6. Application Data Sheet (37.C.F.R. 1.76)
- 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- 8. Nucleotide and/or Amino Acid Sequence Submission
(If applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identify of above copies

ACCOMPANYING APPLICATION PARTS

- 9. Certification Under 35 U.S.C. 122(b)(2)(B)(i)
- 10. Assignment Papers (cover sheet & document(s))
- 11. 37 C.F.R. 3.73(b) Submission
- 12. Power of Attorney (signed)
- 13. English Translation Document (if applicable)
- 14. Information Disclosure Statement
(with Copies of Citations as necessary)
- 15. Preliminary Amendment Total Pages:
- 16. Return Receipt Postcard
(Should be specifically itemized)
- 17. Certified Copy of Priority document(s)
(if foreign priority is claimed)
- 18. Other:

19. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:
Continuation Divisional Continuation-in-part (CIP) of prior Application No.:

For continuation or divisional applications: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference

CORRESPONDENCE ADDRESS

ATTY NAME	Maria S. Swiatek, Reg. No. 37,244 For Aldo J. Test, Reg. No. 18,048	SIGNATURE: 	DATE February 20, 2004
ADDRESS	DORSEY & WHITNEY LLP Four Embarcadero Center Suite 3400 San Francisco, California 94111-4187		Customer Number: 32940
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15992

**APPLICATION
FEE TRANSMITTAL SHEET
(FY 2004)**

<i>Complete if Known</i>	
Application No.	Not yet assigned
Filing Date	Herewith
First Named Inventor	PETER C. SALMON
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Atty. Docket Number	34091/AJT (465403-)

METHOD OF PAYMENT (Check One)			FEE CALCULATION (Continued)		
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account No.: 50-2319 Deposit Account Name: DORSEY & WHITNEY LLP			3. ADDITIONAL FEES Large Entity Fee Small Entity Fee Fee Description Fee paid		
<input checked="" type="checkbox"/> Charge any additional fee required under 37 C.F.R. 1.16 and 1.17 <input checked="" type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27)			50	25	Surcharge - late provisional filing fee or cover sheet
2. <input checked="" type="checkbox"/> Check Enclosed			130	65	Surcharge – Late nonprovisional filing fee or oath
FEE CALCULATION 1. BASIC FILING FEE			180	180	Submission of IDS
Large Entity Fee	Small Entity Fee	Fee Description	40	40	Recording each patent assignment per property (times number of properties)
160	80	<input type="checkbox"/> Provisional Filing Fee	110	55	Extension for reply within first month
770	385	<input checked="" type="checkbox"/> Utility Filing Fee	420	210	Extension for reply within second month
340	170	<input type="checkbox"/> Design Filing Fee	950	475	Extension for reply within third month
770	385	<input type="checkbox"/> Reissue Filing Fee	1,480	740	Extension for reply within fourth month
Subtotal (1) \$385.00			2010	1005	Extension for reply within fifth month
2. EXTRA* CLAIM FEES Number Claims Prior Extra Fee from Below* Fee Paid			770	385	Submission After Final 1.129
Total	52	-	20	= 32	<input type="checkbox"/> \$9.00 = \$288.00
Indep.	10	-	3	= 7	<input type="checkbox"/> \$43.00 = \$301.00
Multiple Dependent Claims = _____ x \$145.00 = \$145.00			330	165	Notice of Appeal
Subtotal (2) \$734.00			330	165	Filing a brief in support of an appeal
*Calculation of Extra Claim Fees Large Entity Fee Small Entity Fee Fee Description			290	145	Request for oral hearing
18	9	Claims in excess of 20	110	55	Terminal Disclaimer Fee
86	43	Independent claims in excess of 3	130	130	Petitions to the Commissioner
290	145	Multiple dependent Claim	50	50	Petitions related to provisional applications
84	42	Reissue independent claims over original patent	1,330	665	Utility/Reissue Issue Fee (including advance copies)
18	9	Reissue claims in excess of 20 and over original patent	480	240	Design Issue Fee (inc. advance copies)
			770	385	Request for Continued Examination (RCE)
			300	300	Publication fee for early, voluntary, or normal publication
			300	300	Publication fee for re-publication
			110	55	Petition to Revive – unavoidable
			1,330	665	Petition to Revive – unintentional
OTHER FEE (specify):					
			Subtotal (3)		
Total Amount of Payment: \$1119.00					

Submitted by:

Name: Maria S. Swiatek, Reg. No. 37,244 for Aldo J. Test	Reg. No.: 18,048	Telephone: 650-494-8700
DORSEY & WHITNEY LLP	Four Embarcadero Center, Suite 3400 San Francisco, California 94111-4187	Customer Number 32940
Signature:		Date: February 20, 2004